

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Dawkins Branch Transmission Main
CIP Number: WAT-115
JDE Number(s): 22WBRM0101, 24WBRM0101, 22WGWM1301, 24WGWM1301
Location: University Blvd. between Sudley Manor Dr. and Devlin Rd.
Pressure Zone: GW – Gainesville
Sewershed: BR – Broad Run
Magisterial District: PO – Potomac
Project Estimate: OPCC
Estimate By: Engineering and Planning Division

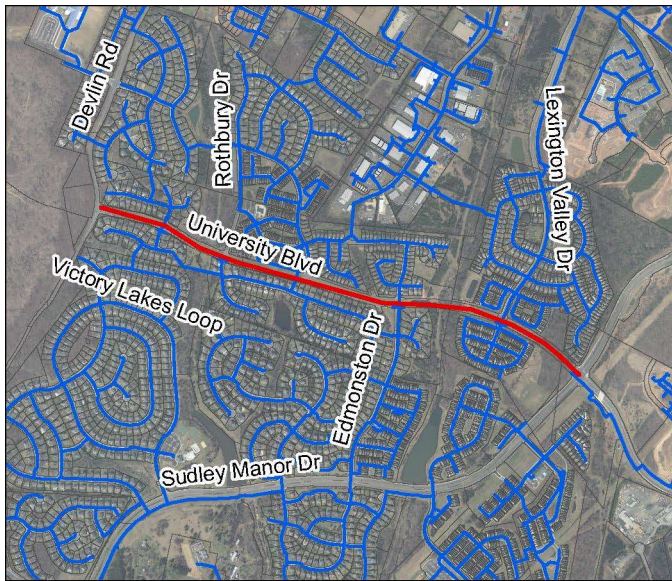
PROJECT DESCRIPTION

Project Description: Design and construction of approximately 6,650 feet of 30-inch water main along University Boulevard from Sudley Manor Drive to the west side of Devlin Road. 4,300 feet of the water main is to be designed and constructed by the Service Authority from Edmonston Drive to Devlin Road, and 2,350 feet is to be designed and constructed with the PWC University Boulevard roadway expansion between Sudley Manor Drive and Edmonston Drive.

Project Benefit: This project will extend a major transmission main through the center of the Gainesville pressure zone to convey additional pump discharge from the F14 Booster Pumping Station. This project shall increase the transmission capacity throughout the pressure zone and strengthen the supply to the Haymarket pressure zone.

Source Derivation: Gannett Fleming Western Zone Water Transmission Main Study, 1992; Managed by Engineering and Planning Division and Prince William County

PROJECT PICTURE



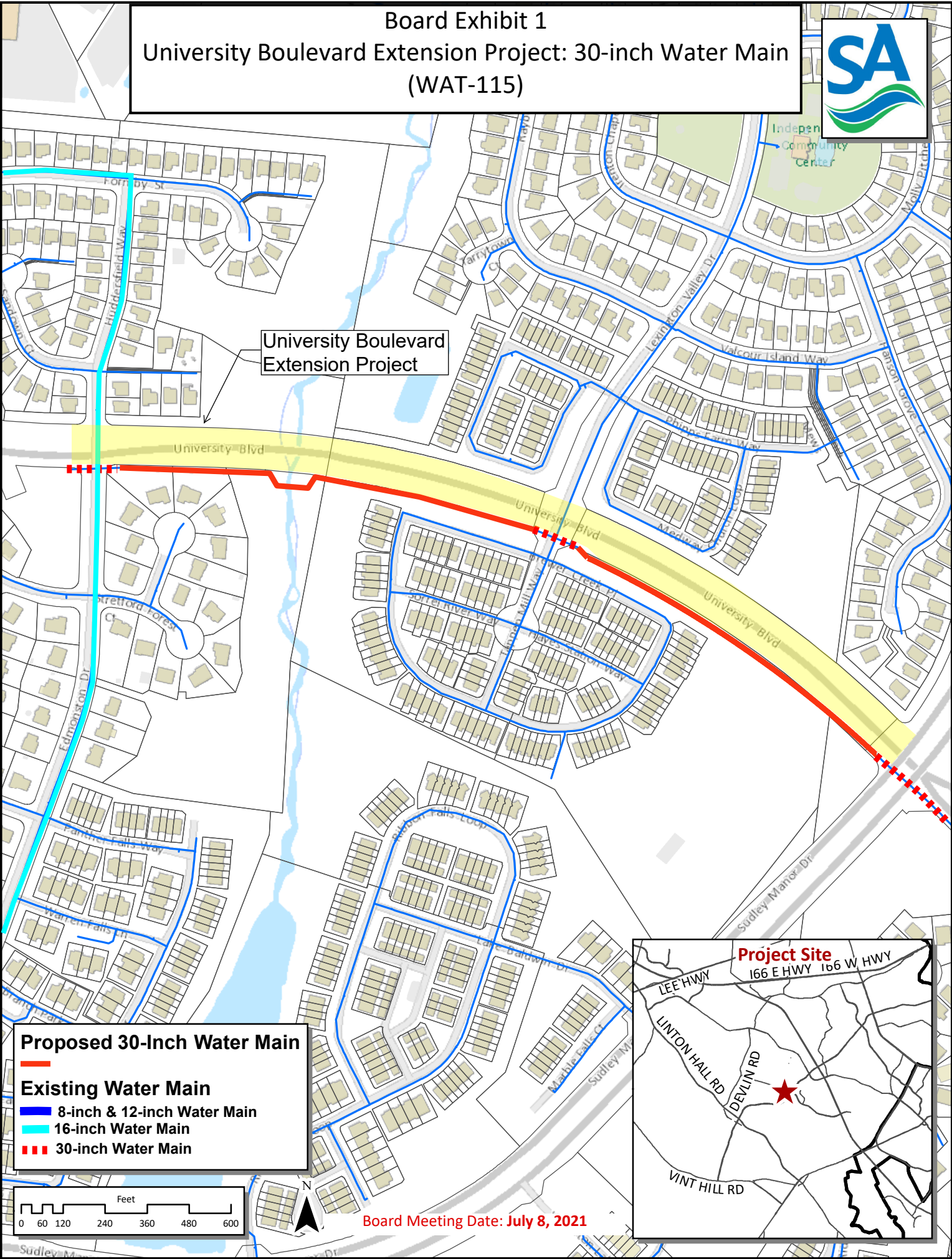
PROJECT FUNDING

PRE-FY22	FY22	FY23	FY24	FY25	FY26	POST-FY26	TOTAL
500	1250	1500	400	0	1750	3935	9335

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	60%
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	40%
Other Contrib. – Development Contributions	-
PROJECT TOTAL	100%

Board Exhibit 1

University Boulevard Extension Project: 30-inch Water Main (WAT-115)



University Boulevard Extension Project

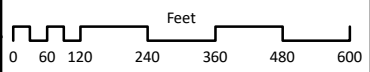
University Blvd

University Blvd

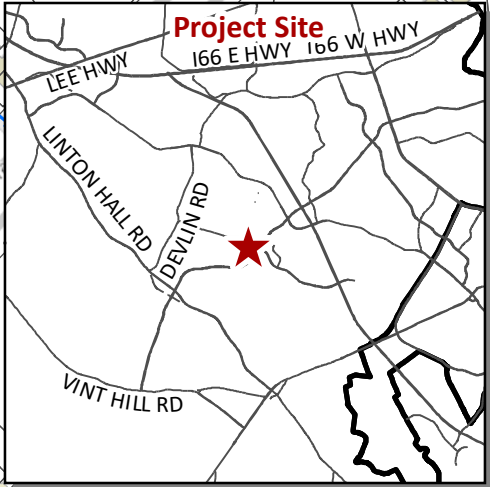
University Blvd

Proposed 30-Inch Water Main

- 8-inch & 12-inch Water Main
- 16-inch Water Main
- - - 30-inch Water Main



Board Meeting Date: July 8, 2021



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**Resolution: 21-07-35
July 8, 2021**

APPROVAL OF AN AGREEMENT BETWEEN PRINCE WILLIAM BOARD OF COUNTY SUPERVISORS AND PRINCE WILLIAM COUNTY SERVICE AUTHORITY FOR BETTERMENT OF WATER FACILITIES ON THE UNIVERSITY BOULEVARD EXTENSION PROJECT (EDMONSTON DRIVE TO SUDLEY MANOR DRIVE)

WHEREAS, the referenced Agreement is for the construction of approximately 2,412 linear feet of 30-inch water main, 16 linear feet of 16-inch water main, and appurtenances as part of Prince William County's (the County) University Boulevard Extension Project (Edmonston Drive to Sudley Manor Drive), project number 0840-076-R68 C501, as a Prince William County Service Authority (Service Authority) project associated with WAT-115 in the FY 2022-2026 Capital Improvements Program; and,

WHEREAS, the proposed 30-inch water main was identified in Gannett Fleming's 1992 Western Area Water Study to meet future projected demands by increasing the transmission capacity throughout the Gainesville pressure zone and strengthening the supply to the Haymarket pressure zone; and,

WHEREAS, the County's road project provides the Service Authority the most efficient and economical opportunity to construct a 30-inch water main between Edmonston Drive and Sudley Manor Drive by coordinating the construction of the 30-inch water main, 16-inch water main, and appurtenances in dedicated easements outside the right-of-way; and,

WHEREAS, the 30-inch water main, 16-inch water main, and appurtenances have been designed by the Service Authority's Design Consultant who estimated the construction cost to be \$3,016,603, plus a seven percent (7%) fee to cover construction, engineering, and inspection services, estimated to be \$211,162, for a total estimated project cost of \$3,227,765; and,

WHEREAS, the bid and construction of the Betterment will be administered by the County's Department of Transportation as part of the road improvements;

NOW, THEREFORE, BE IT RESOLVED that the Prince William County Service Authority Board of Directors hereby authorizes the General Manager to execute an Agreement between Prince William Board of County Supervisors and Prince William County Service Authority to construct approximately 2,412 linear feet of 30-inch water main, 16 linear feet of 16-inch water main, and appurtenances as part of Prince William County's University Boulevard Extension Project (Edmonston Drive to Sudley Manor Drive) in the amount of \$3,227,765, plus a twenty percent (20%) contingency in the amount of \$645,553, for a total authorization not to exceed \$3,873,318.

Motion: Mr. O'Meara
Second: Mr. Dickey
Ayes : O'Meara, Dickey, Colangelo, Eagles, Kooyoomjian, Thomas Watson (via telephone), Wiggins
Absent: Almond